



# University of Georgia

## Transplant squash response to V-10142.

Trial ID: Veg72-06

Study Dir.: Stanley Culpepper

Location: LTF-grass farm

Investigator: Stanley Culpepper

Crop Code	CUUPE	CUUPE	CUUPE	CUUPE	CUUPE			
Rating Data Type	injury	injury	injury	injury	blooms			
Rating Unit	%	%	%	%	#/plot			
Rating Date	Sep-06-06	Sep-11-06	Sep-18-06	Sep-27-06	Sep-18-06			
Assessed By	SC	SC	SC	SC	SC			
Trt-Eval Interval	6 DA-A	11 DA-A	18 DA-A	27 DA-A	18 DA-A			
Trt No.	Treatment Name	Rate	Unit	1	2	3	4	5
1	None			0 c	0 c	0 c	0 b	13 a
2	V-10142	0.1	LB A/A	15 b	23 b	11 b	3 b	2 b
3	V-10142	0.15	LB A/A	14 b	25 b	16 b	1 b	1 b
4	V-10142	0.2	LB A/A	18 b	30 b	17 b	6 b	2 b
5	V-10142	0.25	LB A/A	35 a	49 a	36 a	29 a	0 b
LSD (P=.05)				6.3	8.9	8.2	13.3	6.4
Standard Deviation				4.1	5.8	5.3	8.6	4.2
CV				24.76	22.87	33.22	112.82	121.08
Bartlett's X2				0.248	1.412	5.139	11.883	20.875
P(Bartlett's X2)				0.969	0.703	0.162	0.008*	0.001*

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)



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### SITE AND DESIGN

Plot Width, Unit: 5 FT Plot Length, Unit: 40 FT Reps: 4  
 Site Type: LTF  
 Tillage Type: 2nd crop mulch Study Design: RANDOMIZED COMPLETE BLOCK

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.			

### MAINTENANCE

Field Prep./Maintenance:

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.							

### SOIL DESCRIPTION

% Sand: \_\_\_\_\_ % OM: \_\_\_\_\_ Texture: loamy sand  
 % Silt: \_\_\_\_\_ pH: \_\_\_\_\_ Soil Name: \_\_\_\_\_  
 % Clay: \_\_\_\_\_ CEC: \_\_\_\_\_ Fert. Level: \_\_\_\_\_

### ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

### MOISTURE CONDITIONS

No.	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: \_\_\_\_\_

Closest Weather Station: \_\_\_\_\_ Distance: \_\_\_\_\_ Unit: \_\_\_\_\_

### APPLICATION DESCRIPTION

	A
Application Date:	Aug-31-06
Time of Day:	10 am
Application Method:	broadcast
Application Timing:	POST
Applic. Placement:	overtop
Air Temp., Unit:	81 F
% Relative Humidity:	70
Wind Velocity, Unit:	0 mph
Dew Presence (Y/N):	n
Water Hardness:	
Soil Temp., Unit:	84 F
Soil Moisture:	drip
% Cloud Cover:	0

### CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	CUUPE POST
Stage Scale:	1 new lf
Height, Unit:	4 inch

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## WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	
Stage Scale:	
Density, Unit:	

## APPLICATION EQUIPMENT

	A
Appl. Equipment:	backpack
Operating Pressure:	23
Nozzle Type:	flat fan
Nozzle Size:	11002
Nozzle Spacing, Unit:	18 in
Nozzles/Row:	4
Band Width, Unit:	
Boom Length, Unit:	4.5 ft
Boom Height, Unit:	15 inch
Ground Speed, Unit:	3 mph
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	water
Spray Volume, Unit:	14.8 GPA
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	Y

Trt No	Treatment Application Comment